



ABSTRACT OF THE DISCLOSURE

A filter apparatus for removing solids from a liquid in which chain conveyor loops frictionally engage a segment of a continuous permanent filter media belt extending across the bottom of a tank over a perforate section through which liquid is withdrawn to be filtered. The chain conveyor loops and permanent filter media follow divergent paths after exiting the tank, the chain loops returning over the top of the tank, the permanent filter media belt returning beneath the tank to a point of entrance at the top of a rear tank wall. A disposable media belt is optionally introduced at the point the permanent media belt and chain conveyor loops reconverge at the entrance point of the tank at the rear wall. The chain conveyor loops are indexed periodically and frictionally engage the permanent media belt (and disposable media, if used) in the segment extending across the tank bottom to cause the belt media to likewise be indexed.